

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Hoon Bum LEE) RE: Preliminary Amendment
Serial No.: Not yet assigned)
Filed: Concurrently herewith) Our Ref: B-4475 619477-6
For: "HAIR TRANSPLANT DEVICE") Date: January 23, 2002

Commissioner of Patents and Trademarks
Box New Patent Application
Washington, D.C., 20231

Sir:

Prior to examination of the above-identified application, it is respectfully requested that the following amendments be made to the Claims:

IN THE CLAIMS

Please replace original Claims 6-10 with amended Claims 6-10, which are set forth below. (Appendix A, which is enclosed herewith, shows how original Claims 6-10 were amended to produce amended Claims 6-10.)

6. (Amended) The device according to claim 1, wherein

the first cutting member is affixed in the conical front part of the housing;
the second cutting member is supported by a first spring installed in the conical front part, and is connected to a first operating handle disposed at the middle of a body of the housing; and
the extrusion member is supported by a second spring installed in the body, and is connected to a second operating handle disposed at the rear of the body.

7. (Amended) The device according to claim 1, wherein

the first cutting member is affixed in the conical front part of the housing,
the second cutting member is supported by a first spring installed in the conical front part, and is connected to an operating handle disposed at the middle of a body of the housing, wherein a rear portion of the operating handle is extended to a power transmitting member;
the extrusion member is supported by a second spring installed between a connecting axis to the operating handle and a middle portion of the body, and is extended to the power transmitting member; and
the power transmitting member comprises a gear which revolves with its axis affixed in the body, wherein the gear engages with a thread which is formed on the bottom of a rear extension part of the operating handle, and a thread which is formed on a top of a rear extension part of the extrusion member, respectively.

8. (Amended) The device according to claim 1, wherein

the first cutting member is affixed in the conical front part;
the second cutting member is supported by a first spring installed in the conical front part, wherein triangle members are installed on the second cutting member at the position corresponding to a first operating handle disposed on the middle of a body of the housing, wherein a perpendicular face of the first triangle is arranged forwardly;
the extrusion member is supported by a second spring installed in the middle of the body, and is connected to a second operating handle disposed at the rear of the body; and
the first operating handle includes second triangle members, wherein a slope face of the second triangle member is sliding contact with a slope face of the first triangle member.

9. (Amended) The device according to claim 1, wherein

the first cutting member is affixed in the conical front part;
the second cutting member includes an extension part at the rear thereof, wherein an inner surface

of the extension part has a thread engaged with a power-transmitting member linked to an electric motor;

the extrusion member includes a thread engaged with the power-transmitting member on an outer surface thereof; and

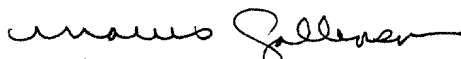
the power-transmitting member includes a thread engaged with the thread of the extension part, and a thread engaged with the thread of the extrusion member, wherein the two threads of the power-transmitting member are formed at the opposite direction to each other.

10. (Amended) A device, for harvesting tissues from human body for a histo-biopsy, comprising elements in claim 1.

REMARKS

This Preliminary Amendment amends Claims 6-10 so that these claims are no longer multiply dependent in order to reduce official fees. The Applicants may elect to amend Claims 6-10 to make them again multiply dependent or to add additional claims to this application to provide coverage similar to, broader than, or narrower than the present claims at any time during the pendency of the above-identified U.S. application.

Respectfully submitted,



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Enclosure: Appendix A (2 pages)

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Appendix A

(VERSION WITH MARKINGS TO SHOW CHANGES MADE)

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Please amend the Claims as indicated below.

6. (Amended) The device according to [one of claims 1 through 5]claim 1, wherein
the first cutting member is affixed in the conical front part of the housing;
the second cutting member is supported by a first spring installed in the conical front part, and is
connected to a first operating handle disposed at the middle of a body of the housing; and
the extrusion member is supported by a second spring installed in the body, and is connected to a
second operating handle disposed at the rear of the body.

7. (Amended) The device according to [one of claims 1 through 5]claim 1, wherein
the first cutting member is affixed in the conical front part of the housing,
the second cutting member is supported by a first spring installed in the conical front part, and is
connected to an operating handle disposed at the middle of a body of the housing, wherein a rear
portion of the operating handle is extended to a power transmitting member;
the extrusion member is supported by a second spring installed between a connecting axis to the
operating handle and a middle portion of the body, and is extended to the power transmitting
member; and
the power transmitting member comprises a gear which revolves with its axis affixed in the body,
wherein the gear engages with a thread which is formed on the bottom of a rear extension part of
the operating handle, and a thread which is formed on a top of a rear extension part of the
extrusion member, respectively.

Appendix A

(VERSION WITH MARKINGS TO SHOW CHANGES MADE)

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8. (Amended) The device according to [one of claims 1 through 5]claim 1, wherein the first cutting member is affixed in the conical front part; the second cutting member is supported by a first spring installed in the conical front part, wherein triangle members are installed on the second cutting member at the position corresponding to a first operating handle disposed on the middle of a body of the housing, wherein a perpendicular face of the first triangle is arranged forwardly; the extrusion member is supported by a second spring installed in the middle of the body, and is connected to a second operating handle disposed at the rear of the body; and the first operating handle includes second triangle members, wherein a slope face of the second triangle member is sliding contact with a slope face of the first triangle member.

9. (Amended) The device according to [one of claims 1 through 5]claim 1, wherein the first cutting member is affixed in the conical front part; the second cutting member includes an extension part at the rear thereof, wherein an inner surface of the extension part has a thread engaged with a power-transmitting member linked to an electric motor; the extrusion member includes a thread engaged with the power-transmitting member on an outer surface thereof; and the power-transmitting member includes a thread engaged with the thread of the extension part, and a thread engaged with the thread of the extrusion member, wherein the two threads of the power-transmitting member are formed at the opposite direction to each other.

10. (Amended) A device, for harvesting tissues from human body for a histo-biopsy, comprising elements in [one of claims 1 through 9]claim 1.